

Cracklin' Static

October 2018 Edition



Breakfast Meeting – Sat, Oct 6th

Boomtown Casino Hotel
Events Center
I-80 at Exit 4 in Verdi

Breakfast Buffet – 7:30am - \$12
General Meeting – 8:00am

Jim W6US will make a final
presentation on the NV QSO
Party

SNARS NET on DMR – Tuesday 8pm
DMR Talk Group: 31328 SNARS

SNARS Treasury – As of Oct 2

Checking	\$8,809
Savings	\$6,000
Self Insurance	\$1,992
Convention	\$6,222
PayPal	\$2,288
Total	\$25,311

SNARS Membership – ending Sept 30

Extra	125	35%
General	88	25%
Technician	126	36%
Advanced	15	4%

SNARS Members	354
ARRL Members	232

President's Voice

President Anthony Marcin, W7XM

Email: w7xm@snars.org | Telegram: @w7xm_nv



I would like to thank the four nominees for this year's board of directors elections. The candidates are Wes Vick, KG7QXE, John Byerly, N7ROJ, Douglas Edmondo, W7DBE and John Miller, N7JDM. We will

be sending ballots to everyone in the month of October/November and the ballots will be counted at the December membership meeting at 8am. There are three positions open for this year's election. Once the ballots are counted in December the board of directors will call an organizational meeting to determine the officers for 2019. An announcement will be sent in December.

A reminder on October 12th is the Nevada QSO Party. We encourage everyone to get on the airwaves and make contacts with other Nevada Counties and of course others from outside of the state. This event has been offline for the last few years and hope for the return of a great event! For information please visit <http://nvqso.com>.

Lastly, the ARRL Pacific Division Convention will be held in San Ramon October 19-21. We hope you will consider attending this great event. We will again have a SNARS table and will also be promoting NVCON 2019. If you are planning to attend, please drop by the SNARS table. We are also looking for members to help work the table. If you can help for an hour or two, please contact me at w7xm@snars.org.

73,
Tony, W7XM



PO BOX 7727 Reno NV 89510
Yearly Dues: \$40.00 Individual • \$50.00 Family
775.453.4142 <http://snars.org>

2018 Officers

President.....Anthony Marcin, W7XM
Vice-President.....Jim Shepherd, W6US
Treasurer.....Bill Jones, AE7OX
Secretary.....Rob Dunbar, NB6C
DirectorWes Vick, KG7QXE
DirectorJohn Byerly, N7ROJ
DirectorBarry Bettman, K6ST

2018 Staff

Cracklin StaticHowie Holden, WB2AWQ
W7TA TrusteePeter DeBay, KE7VSR
KR7ENO Trustee.....Howie Holden, WB2AWQ
Control OperatorPat Sheehan, W7DED
HistorianJon Fox, KF7KTC
Tech Team LeadJohn Byerly, N7ROJ
MembershipAnthony Marcin, W7XM
PIOGreg Krantz, NF6C
VE Coordinator.....Bill Nichols, NN7K
Meeting GreeterBill Jones, AE7OX
Noon Net ManagerWes Vick, KG7QXE
DMR Net ManagerAnthony Marcin, W7XM
Reno Ham Swap.....Rob Dunbar, NB6C
WebmasterErik Andreasen, K6CZH

Cracklin Static Publication

Editor: Howie Holden **WB2AWQ** - holden7471@msn.com

Cracklin' Static is the Newsletter of, and sponsored by the Sierra Nevada Amateur Radio Society. Opinions expressed herein are those of the editors and contributors and should not be considered as official expressions of the Club Officers, Staff or Club Members, or as endorsements by same.

Material for publication may be edited to enhance readability or to save space. We reserve the right to use whatever font size or line spacing may be required to publish this Newsletter. **Deadline for input to the newsletter is 1500 hours on the Sunday** prior to the 1st Saturday of each month.

SNARS Wide Area Linked System

147.030 + PL 123.0	Sparks, Fernley, Fallon	Online
147.210 + PL 100.0	Reno, Sparks	Online
147.150 + PL 123.0	Lake Tahoe, Truckee, Carson	Online
146.925 - PL 123.0	Lovelock, Fallon	Online
146.670 - PL 123.0	Winnemucca	Online
444.875 + PL 100.0	Yerington	Online
444.125 + PL 123.0	Reno Sparks	Offline

DMR Systems

444.925 + CC 1	Reno, Sparks	Online
444.825 + CC 1	Dayton, Fallon, Carson	Online
443.925 + CC 1	Lake Tahoe, Truckee, Carson	Online
443.950 + CC 1	Incline Village	Online
442.875 + CC 1	Sparks, Fernley, Fallon	Online
442.850 + CC 1	Carson City	Online
441.950 + CC 1	Fallon, Fernley	Online

Fusion Systems

146.610 - PL 123.0	Reno, Carson, Dayton	Online
--------------------	----------------------	--------

IRLP / EchoLink Systems

147.300 + PL 123.0	Reno, Sparks	Online
--------------------	--------------	--------

Packet / APRS

145.050 - RNO	Reno, Carson, Dayton	Online
145.050 - ROSE	Lake Tahoe, Truckee, Carson	Online
144.390 - TOULON	Lovelock, Fallon	Online

Standalone Systems

147.390 + PL 100.0	Reno, Carson, Dayton	Online
443.075 + PL 123.0	Reno, Carson, Dayton	Online
927.0875 + PL 114.8	Reno, Carson, Dayton	Online



Online



Offline



Not Linked

Thank you to our Sponsors/Supporters



Weekday on the SNARS Linked System

147.030 + PL 123 – Sparks/Fernley
 147.150 + PL123.0 – Lake Tahoe / Truckee
 147.210 + PL 100.0 - Reno
 444.875 + PL 100.0 - Yerington
 146.925 - 123.0 – Lovelock / Fallon
 146.67 – PL 123.0 - Winnemucca

Monday through Friday @ 12:00pm

Open Sat, October 20, 9am – to all amateur radio operators. A general informational net for the amateur radio community of Northern Nevada and Eastern California. Radio Checks and Questions are welcomed.

Nets on the SNARS Linked Systems

147.210 + 100.0 | 147.030 + 123.0 | 147.150 + 123.0
 147.670 – 123.0 | 146.925 – 123.0 | 444.875 + 100.0

Bishops Storehouse Net	Monday @ 9:15pm
N. Western NV ARES Net	Monday at 7:30pm
Northern Nevada Preppers Net	Wednesday @ 8:00PM
Hospital Net	Friday @ 10:00AM

Nets on IRLP (GSR) System

Repeater: 147.300 + 123.0

Amateur Radio Newsline	Monday - 8:00PM
Nevada Skywarn Net	Wednesday - 7:00pm
Nevada State ARES Net	Thursday - 7:00PM

Nets on Simplex/HF

Jefferson Noon Net	7.204 LSB	Daily - 12:00pm
6 Meter Net	50.350 USB	Tuesday – 8:00pm
2 Meter Week Signal	144.250 USB	Wednesday - 8:00PM
2 Meter Simplex Net	146.500 FM	Thursday – 8:00PM
10 Meter Net	28.350 USB	Sunday – 2:00PM

SNARS Weekly DMR Net – Tuesdays 8:00PM

SNARS Talk Group 31328

Open to Members and Guests. A general information net each week on DMR.

SNARS CALENDAR

Ham Radio Night at the REOC Wednesday Oct 3, 6:00 PM
 Washoe REOC 5195 Spectrum Blvd Reno NV

SNARS Board Meeting Wednesday Oct 10, 6 PM
 Blind Onion 824 Victorian Ave. Sparks

VE Session Saturday, Oct 20, 9am sharp – 12pm
 Washoe REOC - 5195 Spectrum Blvd.

NVCON Planning Committee Wednesday Oct 24, 6:00 PM
 Washoe REOC - 5195 Spectrum Blvd.

Next SNARS Breakfast Meeting – Saturday Nov 3, 8 AM
 Boomtown Casino Hotel Events Center
 I-80 at Exit 4 in Verdi

WELCOME NEW MEMBERS

September, 2018

Jay	Robinson	N7MLF
Tom	Seeley	W4FLL
Richard	Harjo	KI7WSI
Greg	Olson	KM6VLP
Clifford	Conradt	K7HVV
Candace	Conradt	K7NDY
Merry	Gutierrez	W6CBY
J	ames	Tibbals
		KJ7AUC



Activate and Work all
17 counties in Nevada!

Friday, Oct 12—Sunday, Oct 14

<http://nvqso.com>

For information and updates

THE NAME OF THE GAME

Jim Shepherd, W6US nvjims@gmail.com

FALL CONTESTS COMING UP

The Fall contest season has kicked off! As I am writing this, I have my software running in the background so I can grab a contact or two in the CQ WW RTTY Contest between paragraphs. The turnout is good and I have even worked at least one other club member.

Saturday is the club meeting, and starting at 0900 at the end of our meeting is the California QSO party. There are 58 counties in our neighbor to the west, and as of this morning all except 2 are covered. For more information go to <http://www.cqp.org/index.html>

(worked Germany and a couple of Midwest stations on 20 on my 'paragraph' break)

The following weekend is the premier event of the contest year—the Nevada QSO Party!!! Currently only 11 of the 17 counties have confirmed operations, and we need to get several in all of the counties. Especially needed are CW and Digital operators, but even VHF/UHF/repeater operators need to be out in all the areas. Operation within 500' of a county line will allow you to make 2 or more contacts with one QSO. I do know of more interest than has signed up, and we sent out contest information to almost all radio clubs in the western US, so there will be plenty of out-of-state hams to talk to... We, in Nevada, will be the rare DX and this will be a good opportunity to practice your 'pile-up' skills. The complete rules, sign-up sheet, and FAQs are at <http://nvqso.com/>

Concurrent with our contest, there are QSO parties in Arizona and Pennsylvania. Pennsylvania has the same exchange that we will have and they will accept our logs for entry into their contest using the N1MM logger. Arizona has a different exchange without a serial number, so they will need to be logged separately. Contact the Pennsylvania contest at <http://paqso.org/index.html> and the Arizona group at <https://www.azqsoparty.org/>

The ARRL International Grid Chase which is ongoing this entire year will be one of the easiest contests to enter ever... It will allow contacts on all bands except 60M, and entries are recorded by uploading your log to Log Book of the World (LOTW). There will be 3 different categories, Phone, CW and Digital which includes all of the current text based digital modes, but you cannot use repeaters, digipeaters, Echolink, IRLP, or non-satellite cross-band QSOs, however satellite and moonbounce are allowed. The object is to work as many different 4 digit grid zones as possible each month and during the year as there will be both monthly and overall awards. You can create entries while doing your normal hamming, just be sure to log the contact. While it will be nice to give out your 4 digit grid zone, it is not strictly required. If you are operating

away from your home location, you will have to give your operating position to LOTW so that the other station will get credit for the grid and this is done in LOTW by setting the different location when you upload. There are lots of grids that do not have resident hams, so there are great opportunities to take to the field. Complete rules and information (which may change as the year goes on...) can be found on the ARRL's website at: <http://www.arrl.org/international-grid-chase-2018>

There is a club component to this contest, and the rules are unclear at this time, so I will be collecting your callsign and home 6 digit grid zone for the contest for submission to the ARRL. You can get your 6 digit grid designator by locating the latitude/longitude of your home on Google Earth and putting the numbers into the calculator at: <http://www.amsat.org/amsat-new/tools/grids.php> I will be updating the list 3 business days before the end of each month and on the Wednesday before any ARRL contest, once you are on it there is no need to update unless you move. Send your callsign and grid to me at nvjims@gmail.com.

The third weekend in October is Pacificon, along with a VE session here at the REOC... This will let you upgrade to really participate in the rest of the major HF contests this fall.

The 4th weekend is the CQ WW SSB contest. This is an excellent opportunity to work lots of DX. Even if you only want to pick up a few new countries toward your DXCC, this is a great contest. The low power/single op unassisted class will be wide open here in Nevada as I will miss this contest due to having an elk tag in northern Elko County... If you do make some contacts, be sure to send in a log!!! More information can be had at http://www.cq-amateur-radio.com/cq_contests/cq_ww_dx_contest/index_cq_ww_dx_contest.html

First weekend in November brings the CW portion of the ARRL Sweepstakes. Two weeks later is the SSB portion of the contest. The idea of these contests is to work all 83 of the ARRL sections in the US and all the Canadian sections for a total of 83 multipliers. Working all is a 'clean sweep'. For more information go to <http://www.arrl.org/sweepstakes>

Besides these major contests, there are dozens of smaller events. There is an excellent contest calendar by WA7BNM that has virtually every contest and links to their rules. <http://www.contestcalendar.com/contestcal.html>

Take the opportunity to try one or more of these contest! They are a lot of fun and a good way to put a lot of contacts in the log... Now, I have to get back to the RTTY contest!

WHAT EARLY NOVICES USED

chapter four

A few Novices built their own equipment, especially transmitters, mostly because they were simpler than receivers, and the money spent on parts for a transmitter was a better bargain than that for a receiver. Some were simple one tube RF circuits, some got a little fancier, but it didn't take much to generate a good signal on the Novice bands.



KC9KEP built this great looking Novice transmitter. It's a single 6DQ6 power tube crystal oscillator that will put out 15 watts, bandswitching on 80, 40, and 15 meters. A power supply is self contained. It has a Pi-network output and will match a wide range of antenna impedances. It also has a basic side-tone generator so the Novice could monitor his sending. This transmitter design was featured in QST for December, 1957.



Not so great looking, and using plug-in coils to change bands, WB2AWQ built this MOPA (Master Oscillator-Power Amp) crystal controlled transmitter. It uses two 807 power tubes to deliver up to 50 watts out. This design is an amalgam of circuits from the late 1930s, which were used for decades after. A separate power supply providing 550V DC, 280V DC, and 6.3V AC is used with it.



While most homebrew construction was transmitters, a few hardy souls also built receivers. The two photos above show a simple two-tube receiver built by WA0VLZ. It's built on a wood frame, and has a copper front panel. It's a regenerative receiver, and lacks selectivity, but it will do for local contacts. A separate power supply is required. An article titled "A First Receiver for the Novice", which appeared in QST for August, 1951, was the basis for this receiver.



Transceivers for the Novice were rare indeed. In 1968 Heathkit came out with the HW-16 transceiver, aimed squarely at the Novice, because it covers only 80, 40, and 15 meters, CW only, crystal controlled at up to 90 watts input. But it's not REALLY a transceiver in the true sense; rather, it's a transmitter-receiver. The transmit and receive sections share no common circuitry except the power supply. Nonetheless, it was popular, and came only in kit form. Many are still around today.

Hope you enjoyed! WB2AWQ

SNARS LOGO ITEMS

This year we are celebrating our 50th year by providing many ways to commemorate this occasion by imprinted our 50th



Stickers \$1.00 Each



16oz Coffee Mugs \$8.00



Hats \$10.00



Club Badge \$15.00

Order at
<http://snars.org/store/badge-order>

Items are available at the monthly meetings, events or online (coming soon) <http://snars.org/store>

MIKE'S MISSIVES CHAPTER THIRTY NINE

Mike Katz, N7MSK

Part 97 – Message forwarding system

- A. Any amateur station may participate in a message forwarding system, subject to the privileges of the class of operator license held.
- B. For stations participating in a message forwarding system, the control operator of the station originating a message is primarily accountable for any violation of the rules in this Part contained in the message.
- C. Except as noted in paragraph (d) of this section, for stations participating in a message forwarding system, the control operators of forwarding stations that retransmit inadvertently communications that violate rules of this Part are not accountable for the violative communications. They are, however, responsible for discontinuing such communications once they become aware of their presence.
- D. For stations participating in a message forwarding system, the control operator of the first forwarding station must:
 - 1. Authenticate the identity of the station from which it accepts communication on behalf of the system; or
 - 2. Accept accountability for any violation of the rules in this Part contained in messages it retransmits to the system

* * * * *

NAME THAT RIG



(Answer on page 9)

FUN STUFF FOR OCTOBER

Two events in October are NCJ or ARRL-sponsored, (shown in bold) thus possibly qualifying for the ARRL Gavel Award. Two of our neighbors, AZ and CA are having QSO parties. The AZ one is the same weekend as ours, but you can give 'em a point just to be nice. The one in **BOLD RED, y'all better participate.....!!!**

6 Oct 1600 to 7 Oct 2200 1.8-28 California QSO Party CW Ph www.cqp.org

10 Oct 0001 to 10 Oct 2359 28 10-10 International 10-10 Day Sprint CW Ph Dig www.ten-ten.org

13 Oct 0300 to 14 Oct 2100 1.8-UHF Nevada QSO Party CW Ph Dig Serial, county or SPC nvqso.com

3 Oct 1700 to 14 Oct 0500 1.8-144 Arizona QSO Party CW Ph Dig www.azqsoparty.org

15 Oct 1300 to 19 Oct 2359 All ARRL School Club Roundup CW Ph arrl.org/school-club-roundup

20 Oct 0001 to 21 Oct 2359 28 10-10 International Fall Contest, CW www.ten-ten.org

27 Oct 0000 to 28 Oct 2359 50-1296 ARRL EME Contest CW Ph Dig www.arrl.org/eme-contest

27 Oct 0000 to 28 Oct 2359 1.8-28 CQ Worldwide DX Contest, SSB Ph www.cqww.com

A complete list of contests is available at:
<http://www.arrl.org/files/file/Contest%20Corral/2018/October%202018%20Corral.pdf>

If you're not into contests, there's always DX to chase. Some of the better DX operations coming up in October:

Sep 20 to Oct 22 Tristan da Cunha ZD9CW

Sep 21 to Oct 06 Mayotte TO6OK

Sep 26 to Oct 10 Rwanda 9X0T

Sep 29 to Oct 06 Christmas I VK9XT

Oct 01 to Oct 12 Albania ZA5V

Oct 06 to Oct 16 Niue E6Y

Oct 09 to Oct 19 Norfolk I VK9N

Oct 09 to Oct 21 Chad TT8KO

Oct 10 to Oct 16 Vietnam XV9RH

Oct 12 to Oct 16 Laos XW1IC

Oct 15 to Nov 04 Vanuatu YJ0GC

Oct 16 to Oct 22 Ceuta & Melilla EA9

Oct 16 to Oct 22 Chatham I ZL7X

Oct 17 to Oct 24 Palau T88SM

Oct 20 to Oct 29 Ivory Coast TU5MH

Oct 20 to Nov 03 Ducie I VP6D

Oct 22 to Oct 30 Burkina Faso XT2SZZ

Oct 24 to Nov 28 Tanzania 5H3MB

Oct 26 to Nov 06 Zimbabwe Z23MD

For a full list see: <https://www.ng3k.com/Misc/adxo.html>

Oct 09 to Oct 27 **Reunion FR**
 Oct 15 to Nov 04 **Vanuatu YJ0GC**
 Oct 15 to Oct 30 **Christmas I VK9XG**
 Oct 16 to Oct 22 **Ceuta & Melilla EA9**
 Oct 16 to Oct 22 **Chatham I ZL7X**
 Oct 20 to Nov 03 **Ducie I VP6D**
 Oct 22 to Oct 30 **Burkina Faso XT2SZZ**
 Oct 24 to Nov 28 **Tanzania 5H3MB**
 Oct 26 to Nov 06 **Zimbabwe Z23MD**

For details and a complete list of announced DX operations, visit: <http://www.ng3k.com/Misc/adxo.html>

For some non-contest, non-DX fun things, try these:

The ARRL International Grid Chase is on! All about it at: <http://www.arrl.org/international-grid-chase-2018>

NAME THAT RIG (from pg 8)

Without a doubt, the most notable transmitter to come out of World War 2 was the **Collins ART-13**. Collins Radio built about a gazillion (would you believe 90,000?) of these transmitters. They started out designated the ATC, then came the ART-13, ART-13B, and eventually the Navy TCZ. All were the same basic unit: a 100 watt output (very conservatively) AM, CW, and MCW transmitter covering 1 to 18 Mhz continuously with optional low frequency coverage, high level plate modulation and a 10 channel auto-tune feature. With auto-tune, the transmitter could be remotely controlled, allowing a pilot of a large aircraft to remotely select 10 different pre-set channels, and no manual tuning was required. The ART-13 was used extensively in larger bombers, most notably the B-29, of Hiroshima fame, but it also found use in many aircraft from multi-seat fighters to transports. A number of different transmitter-receiver pairs used the ART-13 or derivatives, and it was used well into the 1960s in the U.S. military, and by many countries around the world. The TCZ, built for the US Navy, used the ART-13 with a large robust AC power supply for shipboard use. The aircraft ART-13s were powered by dynamotors which ran on 28V DC, and provided 1150 V DC and other voltages necessary to run it. Reliable as can be, the ART-13 on the surplus market was cherished by hams, as it was easy to convert to household use. A great many were also dismantled for a wealth of parts, and a trip to most any flea market will produce a quantity of ART-13 items usable for a variety of projects. Lots of ART-13s are still in use today, especially on the AM frequencies and at military rallies around the country. Our own Henry Rogers, WA7YBS, has a ton of info on the ART-13s on www.radioblvd.com. It's worth a look!



Nevada QSO Party Oct 12 - 14 2018

The Sierra Nevada Amateur Radio Society is proud to present the Nevada QSO Party which will be an annual event on the second full weekend in October. This year it will start at **2000 hours Nevada time (PDST) on Friday, October 12 (0300z 10/13/2018)** and run until **1400 on Sunday, October 14 (2100z 10/14/2017)**

The objective of this contest is to activate and work all 17 of the counties in Nevada. Nevada stations will work anyone, anywhere, and out of state stations will work Nevada Stations. All stations may be worked up to three times on each HF band and once on the VHF+ frequencies. Rovers in Nevada and the two other states, Arizona and Pennsylvania, can be worked again when they change counties.

The VHF+ band will consist of all legal frequencies from 50 MHz up to 1300 MHz. In order to bring a lot of new hams into contesting, we are allowing the use of repeaters on these frequencies. There are linked systems which will allow out of state contacts. All modes will be allowed with the exception of the WSJT modes.

On the HF side, Phone, CW, and Digital modes will add multipliers to the QSO points. All conversational digital text modes are allowed with all counting the same. Currently the WSJT modes do not have a contest exchange message that is handled as a valid regular message, so those modes are not allowed. (This may be changed if this is added to the WSJT modes in the future)

Logging software from N1MM, N3FJP, and WriteLog will have the ability to work on this contest. For those that are using paper and pencil or some other logging method that does not produce a Cabrillo file, we also have the WA7BNM Cabrillo log maker which will allow you to build a Cabrillo file. All entries over 10 contacts must submit an electronic Cabrillo log.

We also have a sign-up form to allow stations to sign up for the counties which they will activate and what modes they will be using. We are going to try and get operators out in all counties and have all modes covered. Please use this form if you are going to be operating in Nevada.

The complete rules are listed under the "Rules" tab above. Please read the FAQs for additional information.

We are looking forward to your participation in this contest!

Information Subject to Change. Please visit this site often and pass the word onto your friends!

WWW.NVQSO.COM

W7SSB DON SHERMAN'S FUN STUFF

Don W7SSB of Ham and HiFi fame sent me some good links, and asked me to pass them on. Know a new ham who could use some additional guidance? Find yourself in that situation? Visit the site below:

<http://noji.com/hamradio/newham.php> This site has dozens of questions a new ham might not even know to ask, covering everything a new ham might want to know (there's no info on tube radios, but we'll let 'em slide.....Ed.) While the site has some info based on a Utah location, the bulk of the subjects are of interest to hams anywhere.

I know we've touched on this one before, but did you know that Nevada has some 2,567 summits recognized by Summits on the Air (SOTA)? Washoe County alone has 115, the large majority of which have not been activated. Some are right in our own backyard, some out in the hinterlands a tad. Check out SOTA's website, and drill down to NV and Washoe County (or whatever): <https://www.na-sota.org/>

HAM AND HIFI OPEN HOUSE THIS SAT OCT 6!!!

Lots of free stuff!!! After SNARS meeting/breakfast.

Don also asked me to pass on the following: "Ham and HiFi " will be opened only on the 1st Saturday of the month from now on please !

Thank you, Don

PHYSICAL CHALLENGES CAN'T STOP A DETERMINED HAM....

A good friend of mine from NJ has Cerebral Palsy, but that doesn't stop him from enjoying this great hobby. Read below just one of the escapades of Justin Mattes, KC2GIK. This guy does Field Day, VHF contests, activates light houses, participates in OEM activities, and so much more.

CAPE MAY OEM NATIONAL NIGHT OUT 2018

It has been a week the annual National Night Out, a community event sponsored by the city. They have games for the kids, even a big slide on the beach. The fire department sets up their trucks with the Coast Guard and even the Cape May County Police brought down their mobile command unit. Something about getting on the air under less than ideal conditions always makes hams happy! It's part of our training in emergency communications. Over my eighteen years I have operated from the base of lighthouses, in cars, from different emergency operation centers and last week I decided to try from a Cape May icon, Convention Hall..

It was a bit trickier than I thought but it was something I wanted and needed to do on my own, ok ALMOST on my own. The first obstacle I didn't think about was Convention Hall is made of steel, not exactly great conditions for operating. Add to the fact it is surrounded by buildings I wasn't happy with the signal. The reports into the repeater were dismal at best, I should have known better. After moving my station around, I remembered spotting an empty table, so I ran out back out to the front of Convention Hall and grabbed it. With some assistance I planted the antenna on top of a metal trash can, Before long I was hitting the repeater without any problems. My logging consisted of using the "Notes" app on my iPhone, which I previously used in Italy to write a poem. Next time I might try to find an app for logging. I made six contacts which was great for the first time out. I tried to get cocky and work some simplex, but it wasn't happening. There was another station over in Middle Township's National Night Out. He had some trouble getting on the air as well. Definitely will come more prepared, (next time.)

There are a few lessons I took away from my operation. My first thing is to bring my own extension cord, lucky there was one near by. Secondly the Cape May Amateur Radio's main repeater was down so I used the backup repeater which worked out pretty well. They also advertised the event on their email group and I tried to get the word out. I wish I drove the point that I wanted to allow other people to get on the air, especially the younger kids. I want to setup the table like the other tables with pamphlets and other material about amateur radio. Maybe get some young kids on the air. I was proud of myself because I now say I worked under less than ideal conditions!! Can't wait to do it again next year!!!!

73

Justin,KC2GIK



OPERATOR: Justin Mattes CALLSIGN:KC2GIK

LOCATION: Cape May City Convention Hall, Cape May, NJ 08204

CELEBRATING THE NVQP

This is my first time being involved with a club sponsoring a state QSO party. I've decided that, for my part, I would design my own QSL card for the event, and swallow the cost of printing same. Hopefully I'll have to print a lot of them (but not TOO many...). Being immersed in the older side of radio, I've also decided I'd do most of my operating in the QSO party with my favorite gear, old military radios, and my QSL card for the event will reflect that. Below is the design, not yet finalized. Perhaps some others of us will make a similar effort? After all it is OUR state, OUR QSO party!



RADIO _____ Confirming QSO Date _____ Time Z _____
FREQ _____ RST _____ Rig TX WW2 GO-9, RX BC348Q, HRO, R388
73, Howie _____ QSL PSE TNX
Washoe Cty, NV DM09an ARRL AWA SNARS SKCC 735 Bug Users 61

MORE PHOTOS FROM NVCON.....thanks to Don W7SSB



vintage radios for sale



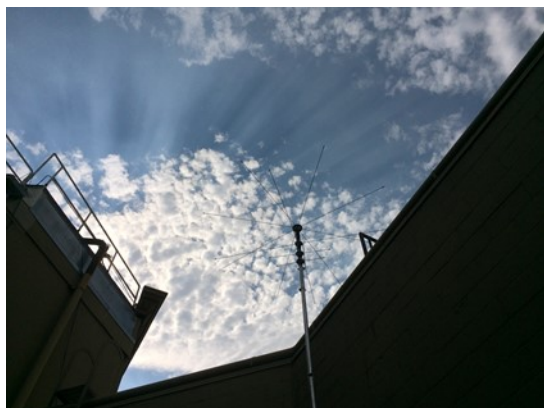
The Gordon West Balsamic tube electrifier.



Girls just wanna have fun! - in Reno Nevada



Don Sherman, our host playing with the Xiegu radio.



Our 1796W vertical working the Nevada skies
for the special event station



A plug for Don.....

ARES NEWS

ANNUAL COMMUNICATIONS C ALENDAR 2018

EVENT 2018	DATE	DATE END	SPONSOR/ORGANIZER	COORDINATOR	CONTACT
Grinduro SBTS	TBD		Plumas ARC	Larry Trotter K16YUK	dltrotter@sbcglobal.net
Nevada Day Parade	10/27/18		NV AREA NW DEC	John Abrott KD7NHC	jabrott77@gmail.com , cell 775 790-1739
Indian Valley Leaf Peepers	TBD		Plumas ARC	Larry Trotter K16YUK	dltrotter@sbcglobal.net

NOTE: Plumas ARC always have a need for operators. Go over to some beautiful country and help out the Plumas Amateur Radio Club

September was a busy month, and everything took place over one week. September 10-16 was the Reno Air Races. Volunteer put in 250 hours of volunteer time helping with security, checking wrist bands to verify attendees are allowed in certain areas. Thanks to WA6MTY, KA7FOO, KF7BNX, K6ST, KE7OIF, KM6EXT, WD6CHC, KROARK, KE7NCJ. If you or any of your friends would like free access to the Air Races contact me and I will put you on the list.

On the last day of the Air Races September 16th as we do every year is Edible Pedal, the Reno Sunrise Rotary bicycle ride fundraiser. We have been helping with communications between the Ride Stops and the directors of the ride. The goal is helping all rider's safely return to the Finish Line. Thanks to KA7FOO, WA6MTY, KF7KEM, AJ7E, K7HMR, KF7BNX, KB7GNA, WA6TVD, KI7YHC, KD7NHC, KE7JIV, KC6QNC, KE7JIS for putting in 160 volunteer hours helping support this event. The riders leave from Bowers Mansion to ride down through Carson City, through Genoa, over Kingsbury Summit, along the East side of Lake Tahoe, up over Spooner Summit and back to Bowers for a huge bar-b-que. It is called "Edible Pedal" because culinary students fix healthy snacks for the riders at the Ride Stops besides the huge bar-b-que at the end.

Coincidentally on the same day as Edible Pedal was another bicycle ride Stetina's Sierra Prospect bicycle ride that started at NorthStar and finished at Mt. Rose Ski Resort parking lot. Some of the riders travelled over Spooner Summit at the same time as EP. Thanks to KA7ZAU, KG7PBS, AF6MN, KM6EXT for helping support this event with 40 volunteer hours. We maintained Net Control for both events at Bowers because both rides went over Spooner Summit at the same time.

Anyone who would like to help with any of these events, contact me at wa6mty@wcares.us.

REMINDER: November 17 is my final Ham Cram test review. If you know someone who wants to earn their Technician License, or anyone wants to upgrade. Have them go to www.snars.org/classes/exams and register so I know how many handouts for me to have printed.

73 Bob WA6MTY wa6mty@wcares.us

COUNTY	REPEATER	COUNTY	REPEATER	COUNTY	REPEATER	COUNTY	REPEATER
Alpine, Ca	147.33	Douglas	147.33	Pershing	147.03	Washoe	147.15
	146.94		147.27		147.18		147.21
	147.24		147.24	Placer, Ca	147.24		147.03
	147.27		146.865	Plumas, Ca	147.15		147.18
	146.865	Eldorado, Ca	147.24		147.21		146.61
Churchill	147.15	Lassen, Ca	147.18	Sierra, Ca	147.15		147.39
	147.21				147.33		
	147.03	Lyon	146.97	Storey	147.15	EchoLink and IRLP	146.895
	147.18		146.61		147.21		147.3
	146.97		147.15		147.03	DMR	TALK GRPS
Carson City	146.61	Mineral			147.18		
	146.94	Modoc, Ca			146.61		
	147.39	Mono, Ca			147.39		
	147.27	Nevada, Ca	147.15		146.85		

PACIFICON 2018

ARRL Pacific Division Ham Radio Convention
Produced by the Mount Diablo Amateur Radio Club



Outstanding
Technical Forums

Saturday Banquet
with Keynote Speaker

Sunday Digital
Academy



Latest
Ham Radio
Equipment for Sale

One Day
Technician License
Prep Class

Ham License Testing



ARRL PACIFIC DIVISION HAM RADIO CONVENTION

"Sounds Like Fun"

Produced by the Mt. Diablo Amateur Radio Club

October 19, 20 & 21, 2018
San Ramon Marriott
2600 Bishop Drive
San Ramon, California 94583

**GENERAL ADMISSION:
\$25 IN ADVANCE - FOR ALL 3 DAYS!**

*Tickets at the door will cost \$30; 17 years old & under are free;
College Students with valid student ID (25 & under): \$5*

*** Some events are additional ***

If you need hotel accommodations
either call Marriott Hotel Reservations at
925-867-9200 by Sept 19, 2018 (per availability)
to ask for the Special Pacificon rate of \$138/night,
or reserve your room on-line at www.pacificon.org

**Go to the Pacificon Website for
Events - Schedules - Registration
WWW.PACIFICON.ORG**

*** Events are subject to change – check website ***



Ham Instructor
Academy

Sunday Swap Meet

Kit Building

Sunday
Ham Radio 101 & 201



All Day Friday
Antenna Seminar

Saturday Breakfast
with Gordon West

Special Events Station
Get-On-The-Air

